

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1046	annular adj3 (illumination or light) and (slide or optic\$3 near2 substrate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 11:54
L2	29412	microscope and polariz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 11:55
L3	99	1 and 2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 11:55
L4	50	petri dish and (antireflective or antireflection) adj2 (coating or film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 14:46
L5	95	(anti-reflective or antireflective or antireflection) adj2 (coating or film) and (DIC or differential contrast)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 15:01
L6	78	(anti-reflective or antireflective or antireflection) adj2 (coating or film) and petri	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 15:02

## EAST Search History

S1	99	(US-5343204-\$ or US-4907175-\$ or US-5864867-\$ or US-5196087-\$ or US-5369219-\$ or US-5463577-\$ or US-5852822-\$ or US-5896200-\$ or US-4594007-\$ or US-4823085-\$ or US-5235421-\$ or US-5418663-\$ or US-5625772-\$ or US-5748787-\$ or US-5903022-\$ or US-5964829-\$ or US-6012080-\$ or US-6018329-\$ or US-6088012-\$ or US-4337530-\$ or US-4429334-\$ or US-4510804-\$ or US-4575815-\$ or US-4774582-\$ or US-4879700-\$ or US-4896221-\$).did. or (US-4899928-\$ or US-4905236-\$ or US-4958244-\$ or US-4965662-\$ or US-4995042-\$ or US-5194997-\$ or US-5274788-\$ or US-5294942-\$ or US-5334574-\$ or US-5361177-\$ or US-5376878-\$ or US-5380088-\$ or US-5416767-\$ or US-5432331-\$ or US-5450120-\$ or US-5537514-\$ or US-5614936-\$ or US-5638091-\$ or US-5644573-\$ or US-5652594-\$ or US-5671399-\$ or US-5694522-\$ or US-5818652-\$ or US-5859957-\$ or US-5872467-\$ or US-5894057-\$ or US-6012062-\$).did. or (US-6012798-\$ or US-6028421-\$ or US-6070963-\$ or US-6075735-\$ or US-6097139-\$ or US-6118478-\$ or US-6141164-\$ or US-6154518-\$ or US-6165687-\$ or US-6203134-\$ or US-6226443-\$ or US-6232043-\$ or US-4255787-\$ or US-4277481-\$ or US-4283925-\$ or US-4287117-\$ or US-RE30753-\$ or US-4293063-\$ or US-4300221-\$ or US-4301379-\$ or US-RE30986-\$ or US-4334412-\$ or US-4392162-\$ or US-4451124-\$ or US-4472636-\$ or US-4489432-\$ or US-4497064-\$).did. or (US-4504791-\$ or US-4510506-\$ or US-4514162-\$ or US-4524656-\$ or US-4526800-\$ or US-4543648-\$ or US-4556962-\$ or US-4569074-\$ or US-4594109-\$ or US-4604579-\$ or US-4605953-\$ or US-4629848-\$ or US-4630298-\$ or US-4633385-\$ or US-4762843-\$ or US-4764894-\$ or US-4780840-\$ or US-4788480-\$ or US-4790321-\$).did.	USPAT	ADJ	ON	2009/01/05 09:07
S2	0	(10/518075).CCLS.	USPAT; USOCR	OR	OFF	2009/01/05 09:18

## EAST Search History

S4	1	10/518075	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:19
S5	25668	antireflect\$3 and coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:22
S6	1528671	substrate and layer\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:23
S7	126770	(linear or circular) and polariz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:24
S8	2961	S5 and S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:24
S9	408495	microscop\$2 or ellipsomet\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:25
S10	1032	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:25
S11	678	359/485.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:26
S12	43	S8 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:26
S13	128288	"359".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:37

## EAST Search History

S14	678	S11 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:37
S15	680	S8 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:38
S16	234	S8 and S13 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:38
S17	96111	"356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:40
S18	21	(S17 or S13) and S8 and (PECVD or phase evaporation chemical vapo\$ deposition)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:42
S19	4	"5333052".pn. or "5408322".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 09:59
S20	6	"2352030".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 10:00
S21	15	"2352030".pn. or "2291890".pn. or "19708036".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 10:00
S22	5	AUSSERRE.as. or VALIGNAT.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 10:11
S23	11	"4688928".pn. or "5071709".pn. or "7209232".pn. or "7307726".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/05 10:29

## EAST Search History

S28	0	"10450958".app.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/06 16:36
S29	0	"10450958".prn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/06 16:37
S30	3	"10450958"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/06 16:37
S32	2	"5071709".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 09:59
S33	14	"4688938"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 10:00
S34	2	"4688938".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 10:00
S35	67188	(antireflect\$3 or anti reflect\$3) and (coat\$3 or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:14
S36	918692	substrate and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:15
S37	2460977	formula or equation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:15
S38	13184	S35 and S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:16

## EAST Search History

S39	219605	"359".clas. or "356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:16
S40	2428	S38 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:16
S41	1496	polariz\$5 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:17
S42	675842	thin near2 film	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:17
S43	883	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:17
S44	1303	S38 and (DIC or differential interfer\$ or ellipsomet\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:21
S45	294	S39 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/07 17:22
S46	947728	thin and film	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:21
S47	605944	thin adj1 film	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:21
S48	35223	(gold or AU) and (Al or aluminum) and (sliver or Ag) and (cadmium or cd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:23

## EAST Search History

S49	2735980	substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:23
S50	8653	S47 and S48 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:23
S51	25733	antireflect\$3 and coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:24
S52	126998	(linear or circular) and polariz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:24
S53	176	S50 and S52 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 13:24
S54	0	hybrid composite and bridge and hcbridge\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 14:23
S55	0	hybrid composite and bridge and hc bridge\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 14:23
S56	0	hc bridge\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 14:23
S57	2	"6145270".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 14:25
S58	25733	antireflect\$3 and coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:31

## EAST Search History

S59	1530389	substrate and layer\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:31
S60	126998	(linear or circular) and polariz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:31
S61	1869	S58 and S59 and S60 and contrast\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:31
S62	637	S61 and microscop\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:33
S63	791	azzam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:43
S64	69	azzam bashara	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:43
S65	253	azzam and bashara	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/12 14:43
S66	394	(substrate or petri dish or sample holder or sample) and contrast and increase and reflection near4 microscope	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/14 16:13
S67	1092	(polariz\$5 and antireflect\$3).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 12:14
S68	295	(polariz\$5 and antireflect\$3).ab. and layer and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 12:35

## EAST Search History

S70	319	polariz\$5 and antireflect\$3 and layer and substrate and reflect\$ and microscop\$2 and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 12:52
S71	2	S67 and microscope and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 12:53
S72	31	S67 and microscope	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 12:53
S73	7	anisotrop\$2 near3 reflect\$3 near3 microscop\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:50
S74	25239	contrast adj2 ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:58
S75	655323	cadmium or cd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:59
S76	19338	sigma and polariz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:59
S77	160	S74 and S75 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:59
S78	16	S74 and S75 and S76 and "428".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/15 16:59
S79	102	"6049419"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/21 10:27

## EAST Search History

S80	2	"6049419".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/21 10:27
S81	296	(reflection adj2 microscope)	USPAT	ADJ	ON	2009/01/23 18:44
S82	19827	(antireflect\$3 or anti reflect\$3) near (coating or layer)	USPAT	ADJ	ON	2009/01/23 18:45
S83	20	S81 and S82	USPAT	ADJ	ON	2009/01/23 18:45
S84	424	substrate and cadmium and (index adj4 "1. "{}{d2}{}")	USPAT	ADJ	ON	2009/01/26 17:24
S85	26407	(antireflect\$3 or anti adj reflect\$3) and (coat\$3 or layer)	USPAT	ADJ	ON	2009/01/26 17:25
S86	148	S84 and S85	USPAT	ADJ	ON	2009/01/26 17:26
S87	424268	"58"{}{d}{} or "59"{}{d}{}")	USPAT	ADJ	ON	2009/01/26 17:53
S88	11875	(("58"{}{d}{} or "59"{}{d}{}") adj2 (nm or nanometers))	USPAT	ADJ	ON	2009/01/26 17:55
S89	198	(("58"{}{d2}{} or "59"{}{d2}{}") adj2 angstrom\$2)	USPAT	ADJ	ON	2009/01/26 17:56
S90	199	(("58"{}{d2}{} or "59"{}{d2}{}") adj2 angstr\$4)	USPAT	ADJ	ON	2009/01/26 17:56
S91	659	(S88 or S90) and S85	USPAT	ADJ	ON	2009/01/26 17:57
S92	485	S91 and substrate	USPAT	ADJ	ON	2009/01/26 17:57
S93	485	S92 and S85	USPAT	ADJ	ON	2009/01/26 17:57
S94	267	S93 and ("356".clas. or "359".clas. or "428".clas.)	USPAT	ADJ	ON	2009/01/26 17:59
S95	166	S94 and polariz\$5	USPAT	ADJ	ON	2009/01/26 17:59
S96	272	S93 and ("356".clas. or "359".clas. or "428".clas. or "250".clas.)	USPAT	ADJ	ON	2009/01/26 19:38
S97	167	S96 and polariz\$5	USPAT	ADJ	ON	2009/01/26 19:38
S98	26447	(antireflect\$3 or anti adj reflect\$3) and (coat\$3 or layer)	USPAT	ADJ	ON	2009/01/27 12:15
S99	11889	(("58"{}{d}{} or "59"{}{d}{}") adj2 (nm or nanometers))	USPAT	ADJ	ON	2009/01/27 12:15
S100	199	(("58"{}{d2}{} or "59"{}{d2}{}") adj2 angstr\$4)	USPAT	ADJ	ON	2009/01/27 12:15
S101	661	(S99 or S100) and S98	USPAT	ADJ	ON	2009/01/27 12:15
S102	487	S101 and substrate	USPAT	ADJ	ON	2009/01/27 12:15
S103	487	S102 and S98	USPAT	ADJ	ON	2009/01/27 12:15
S104	273	S103 and ("356".clas. or "359".clas. or "428".clas. or "250".clas.)	USPAT	ADJ	ON	2009/01/27 12:15
S105	148	S104 and polariz\$5 and (contrast\$3 or sensitiv\$3)	USPAT	ADJ	ON	2009/01/27 12:15

## EAST Search History

S10 6	1821	356/369.ccls. or 356/244.ccls. or 356/937.ccls. or 569/577.ccls.	USPAT	ADJ	ON	2009/01/27 13:26
S10 7	0	nygren.as.	USPAT	ADJ	ON	2009/01/27 13:46
S10 8	1	sandstrom.as.	USPAT	ADJ	ON	2009/01/27 13:46
S10 9	0	sandstroem.as.	USPAT	ADJ	ON	2009/01/27 13:47
S11 0	13	stenberg.as.	USPAT	ADJ	ON	2009/01/27 13:47
S11 1	170	nygren.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:48
S11 2	0	nygren.as. and optic\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:48
S11 3	5	nygren.as. and film\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:48
S11 4	163	stenberg.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:49
S11 5	12	stenberg.as. and slide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:49
S11 6	3	sandstrom.as. and slide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 13:50

## EAST Search History

S11 7	354	substrate and layer adj3 (thickness adj4 gradient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 17:41
S11 8	302	S117 and (gold or au or cadmium or cd or aluminum or al or silver or ag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 18:12
S11 9	1821	356/369.ccls. or 356/244.ccls. or 356/937.ccls. or 569/577.ccls.	USPAT	ADJ	ON	2009/01/27 18:13
S12 0	0	S118 and S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 18:13
S12 1	293	S118	US-PGPUB; USPAT	ADJ	ON	2009/01/27 18:13
S12 2	439839	"356".clas. or "359".clas. or "428".clas. or "250".clas.	US-PGPUB; USPAT	ADJ	ON	2009/01/27 18:14
S12 3	130	S121 and S122	US-PGPUB; USPAT	ADJ	ON	2009/01/27 18:14
S12 4	20	thin film and contrast and S122	US-PGPUB; USPAT	ADJ	ON	2009/01/27 19:07
S12 5	35	("3518373"   "3576356"   "3962488"   "4168986"   "4278736"   "4389452"   "4526818").PN. OR ("4747674").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/27 19:14
S12 6	32	viratec.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/28 08:03